ePustakaalay
Hello, Achyut
Settings
Brightness
Contrast
Reading mode
Text-to-speech and voice inputs
P.Atkins
Search
Sign in

ePustakaalay

The library app for
IIT (ISM) Dhanbad

About the project

This UI/UX design project is about an application which allows IIT (ISM) Dhanbad students to look for and make swift online issue of books and also allows them to read the books which are unavailable at the shelf at the moment.

Tools used: Figma

Problem Statement

Design a library app for students, that would be specific to IIT (ISM), Dhanbad library

Challenge

The challenge I faced while working on this project was what exact features should be included in this application to solve the issue that both library and users deal with when it comes to borrowing books. To help me better understand that, I decided to make inquiries.

Research

I conducted an interview with 10 participants who had experiences using e-book apps to better understand user's needs and pains and to see what features they would find useful.

I asked the following questions to the participants:
- How frequently do you borrow books from library?
- How do you keep track of your books you have borrowed?
- Which reading app(s) have you used and why did you use them?
- How was your experience using that app?
- What feature do you consider essential in a reading app?

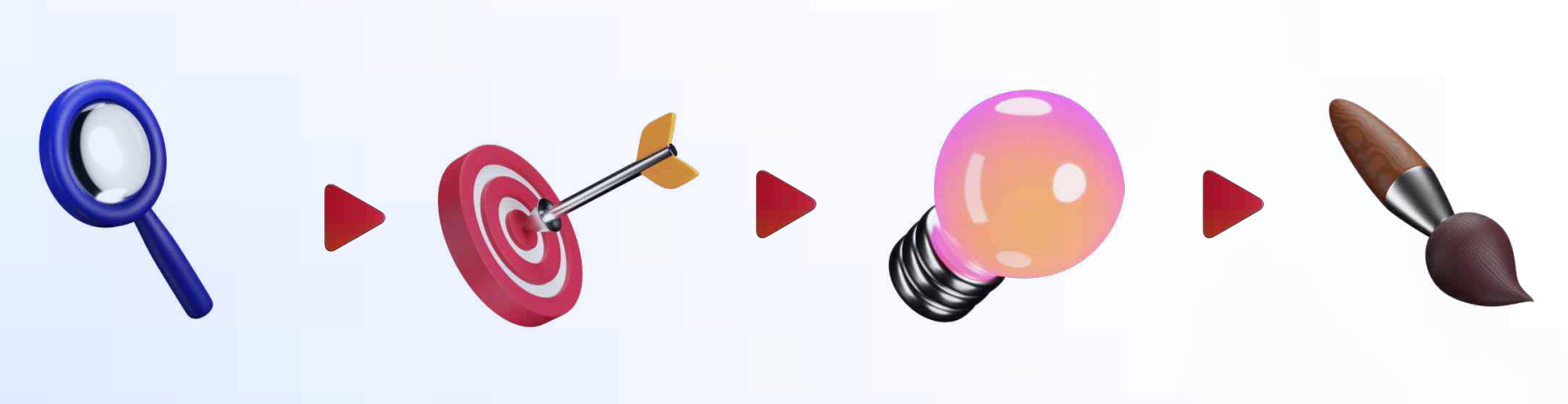
Insights

- Majority of participants issued books from the library atleast once a month.
- Participants use a small diary or last page of notebook to keep track of issued books. They want a app feature that would do the same.
- One of the participants who had to pay fine, wants to be reminded of returning a borrowed book atleast a week before returning date. The participant also wants a feature to keep track of total fine due and a provision to pay it online amidst busy college schedule.
- Almost all of them want to make searching books simpler.
- Significant proportion of them want to be able to read a book that is not available at the shelf at that moment.
- They want to be able to control size of text.

Solution

Based on these findings, the solution was to create an app that would automate the process, making it faster and more accurate. The ePustakaalay app should prioritize the ability to search for books, see due dates, remind the users about returning the book, pay fine online, download unavailable books or read them online, magnify screen according to user's needs.

Design process


Research
Define
Ideate
Design

Colour

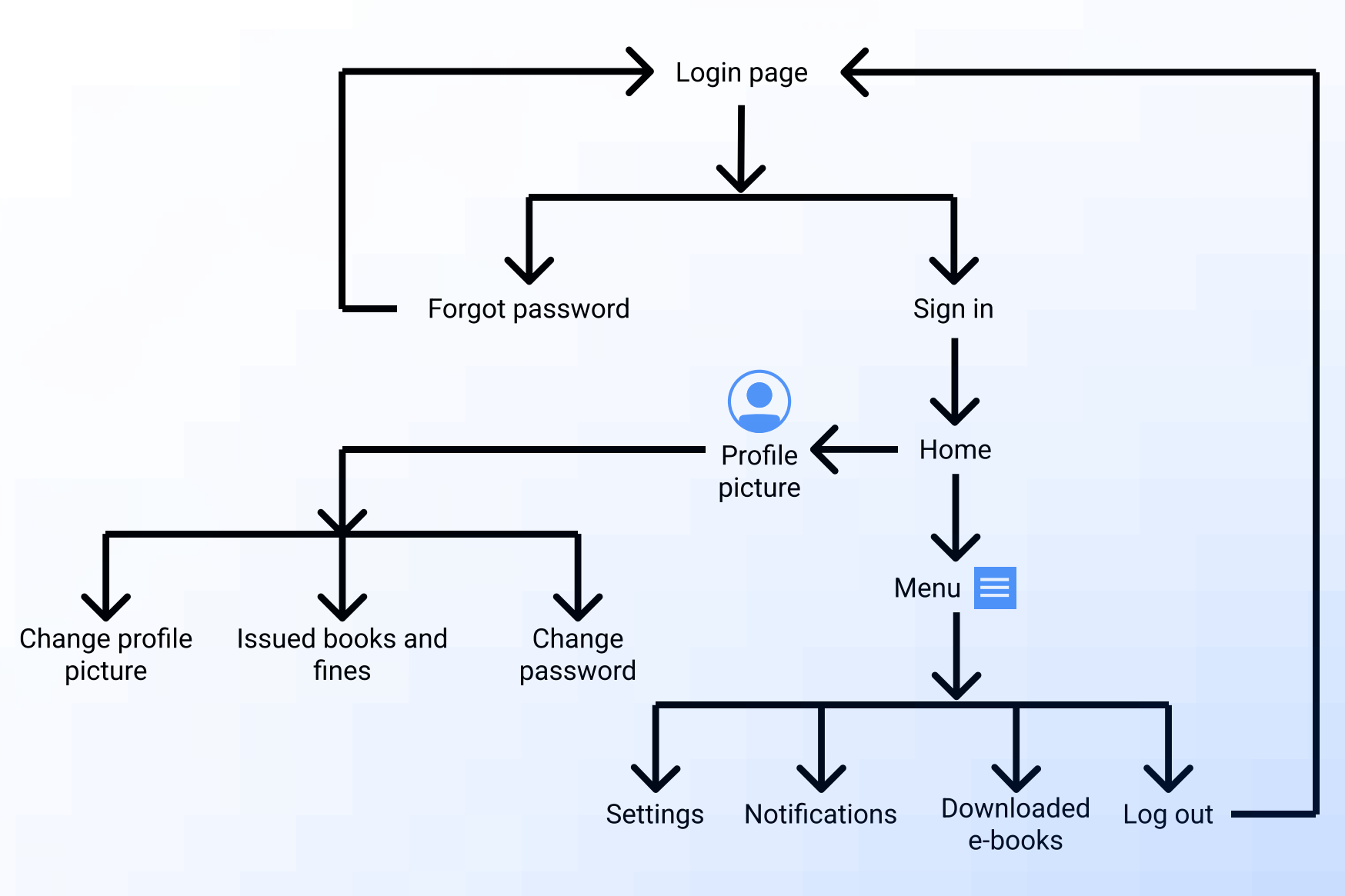
#0066FF
#5697F8
#0066FF (32%)
#0066FF (57%)

Typography

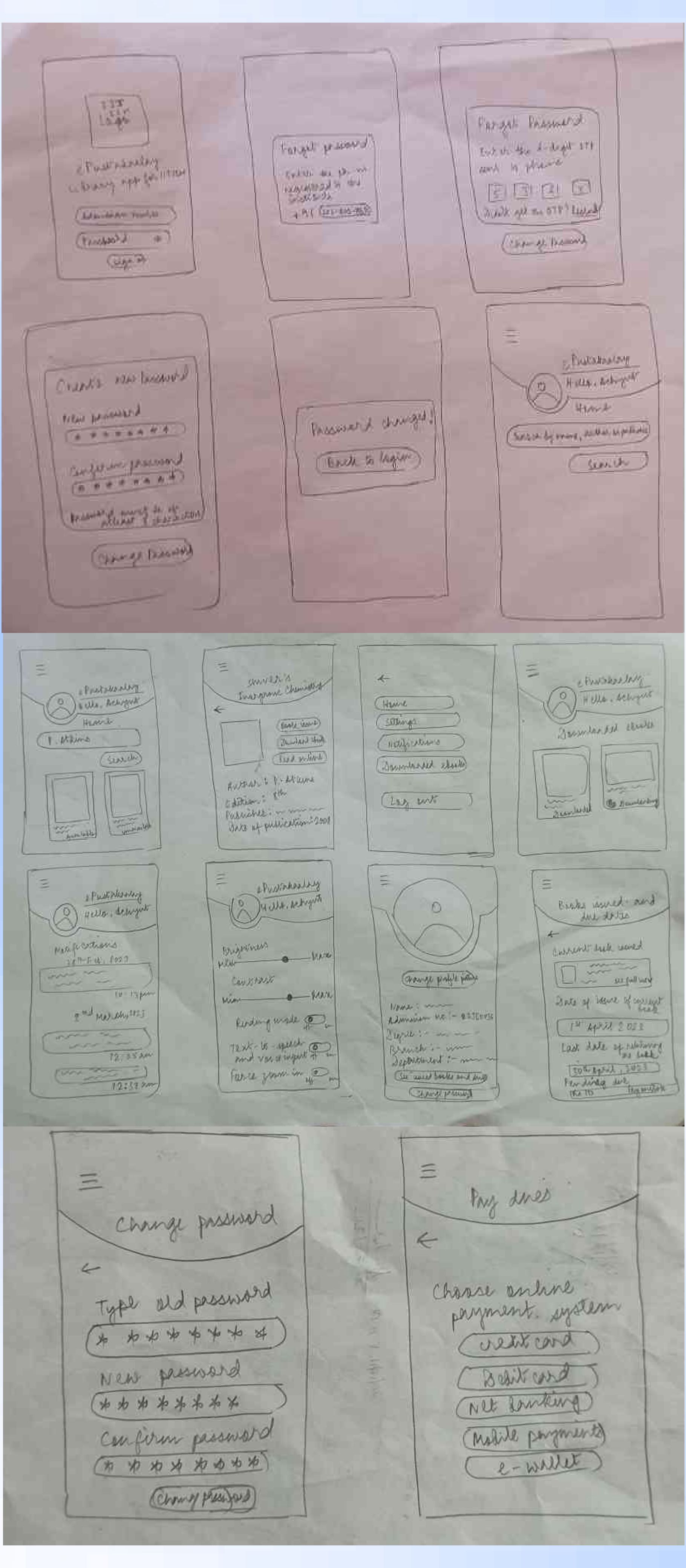
Hahmlet
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789

Poppins
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789

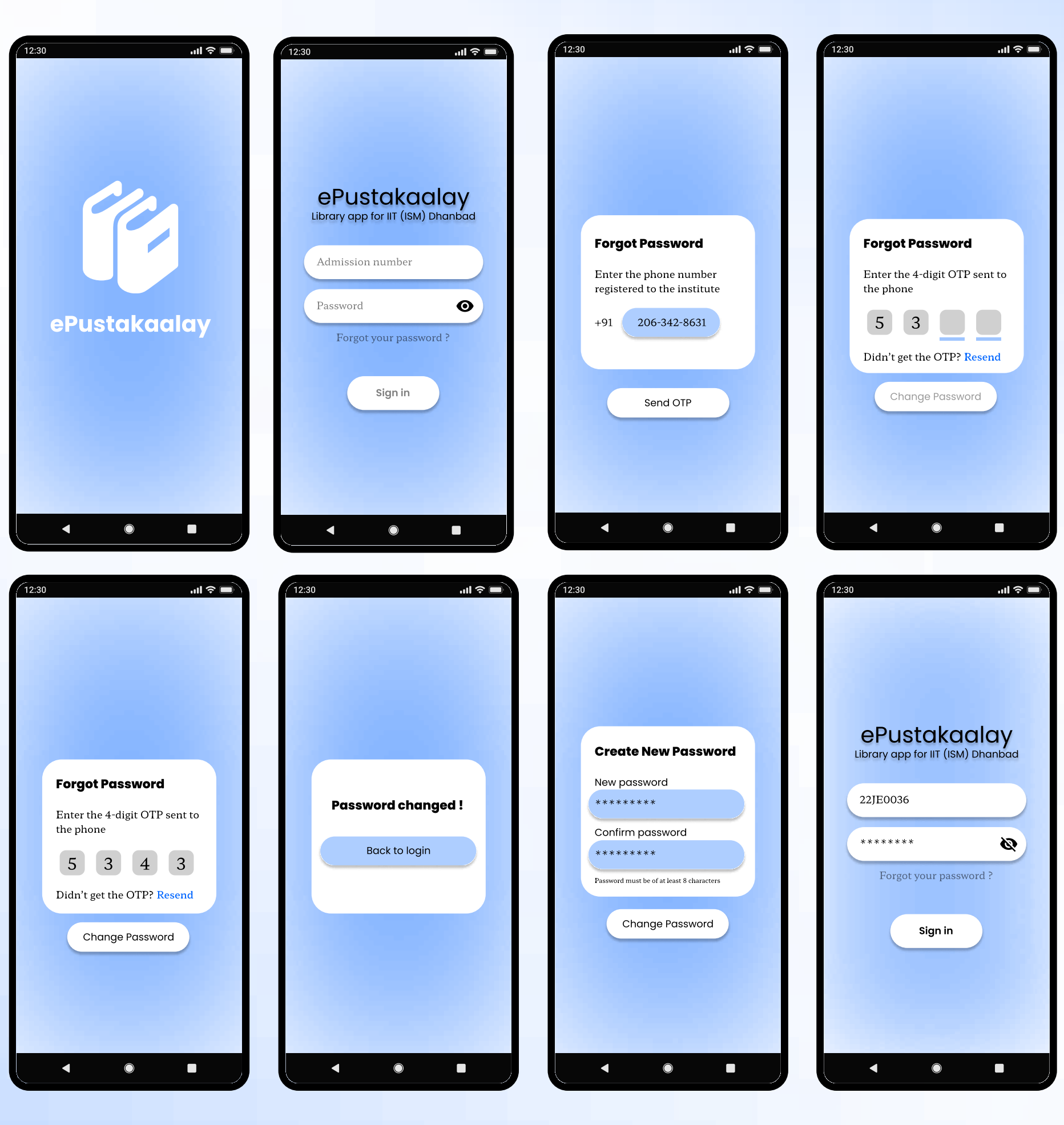
User flow


Login page
Forgot password
Sign in
Profile picture
Home
Menu
Change profile picture
Issued books and fines
Change password
Settings
Notifications
Downloaded e-books
Log out

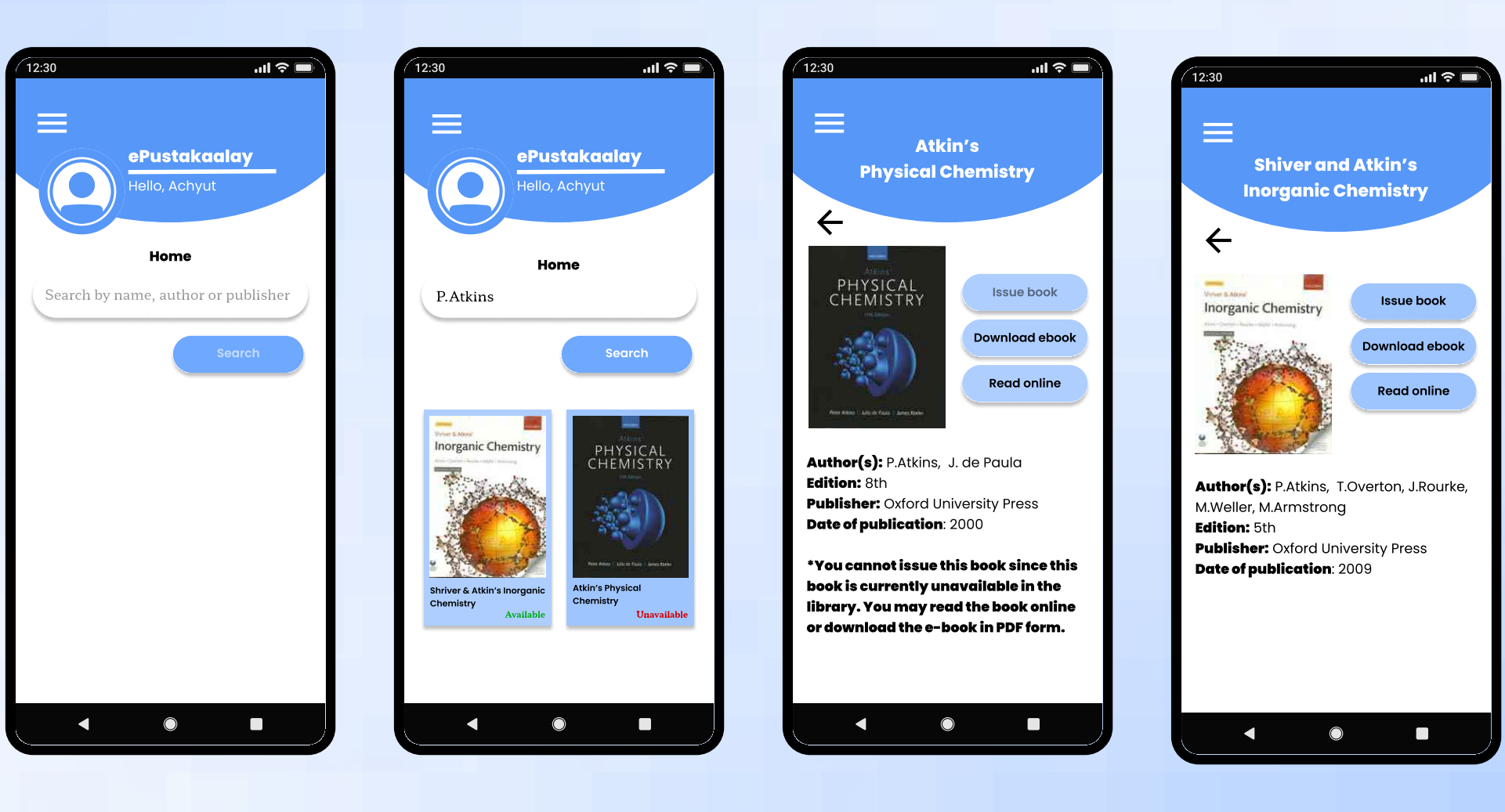
Wireframes


IIT Logo
ePustakaalay
Library app for IIT(ISM)
Admission number
Password
Sign in
Forgot password
Forgot Password
Enter the 4-digit OTP sent to phone
Change Password
Create new password
New password
Confirm password
Change Password
Password changed!
Back to login
ePustakaalay
Hello, Achyut
Home
Search
Change password
Type old password
New password
Confirm password
Change Password
Pay dues
Choose online payment system
Credit card
Debit card
Net banking
Mobile payments
e-wallet

Login Page


ePustakaalay
Library app for IIT (ISM) Dhanbad
Admission number
Password
Forgot your password ?
Sign in
Forgot Password
Enter the phone number registered to the institute
+91 206-342-8631
Send OTP
Forgot Password
Enter the 4 digit OTP sent to the phone
5 3
Didn't get the OTP? Resend
Change Password
Forgot Password
Enter the 4 digit OTP sent to the phone
5 3 4 3
Didn't get the OTP? Resend
Change Password
Password changed !
Back to login
Create New Password
New password
Confirm password
Change Password
ePustakaalay
Library app for IIT (ISM) Dhanbad
22JE0036
Forgot your password ?
Sign in

Home


ePustakaalay
Hello, Achyut
Home
Search by name, author or publisher
Search
P.Atkins
Atkin's Physical Chemistry
Issue book
Download ebook
Read online
Shriver and Atkin's Inorganic Chemistry
Issue book
Download ebook
Read online

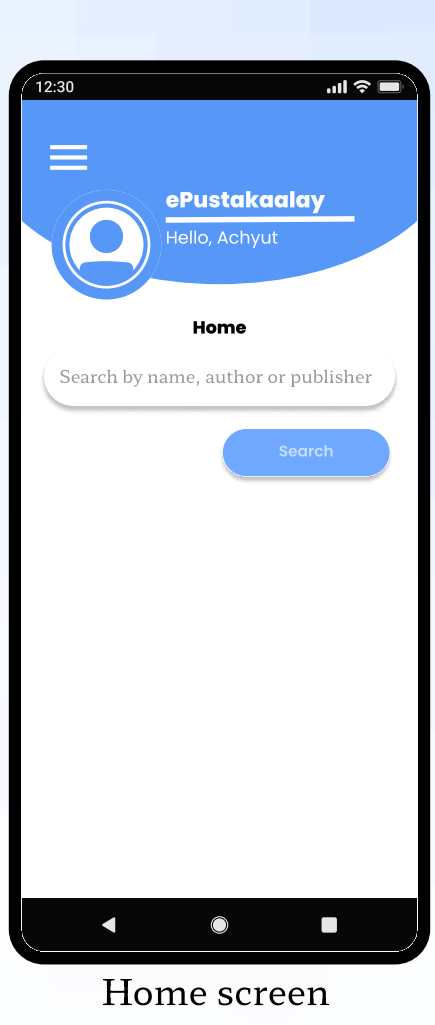
Author(s): P.Atkins, J. de Paula
Edition: 8th
Publisher: Oxford University Press
Date of publication: 2000

*You cannot issue this book since this book is currently unavailable in the library. You may read the book online or download the e-book in PDF form.

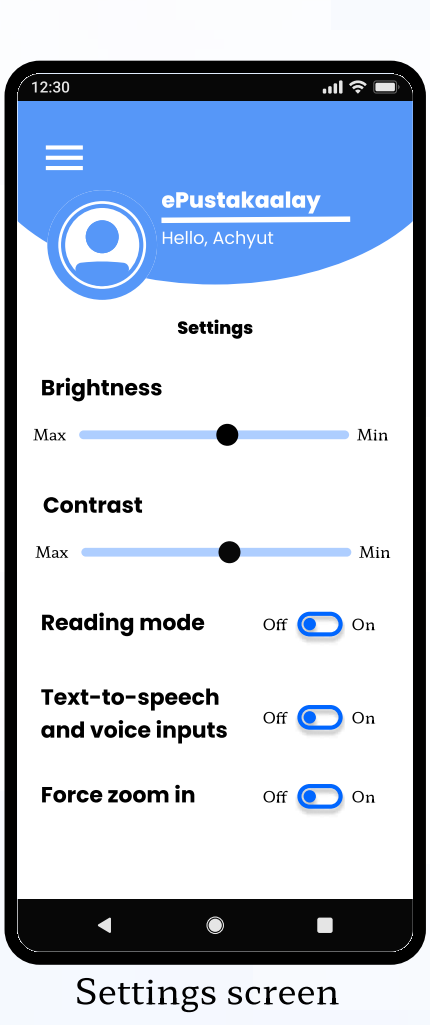
Author(s): P.Atkins, T.Overton, J.Rourke, M.Weller, M.Armstrong
Edition: 5th
Publisher: Oxford University Press
Date of publication: 2009

Menu

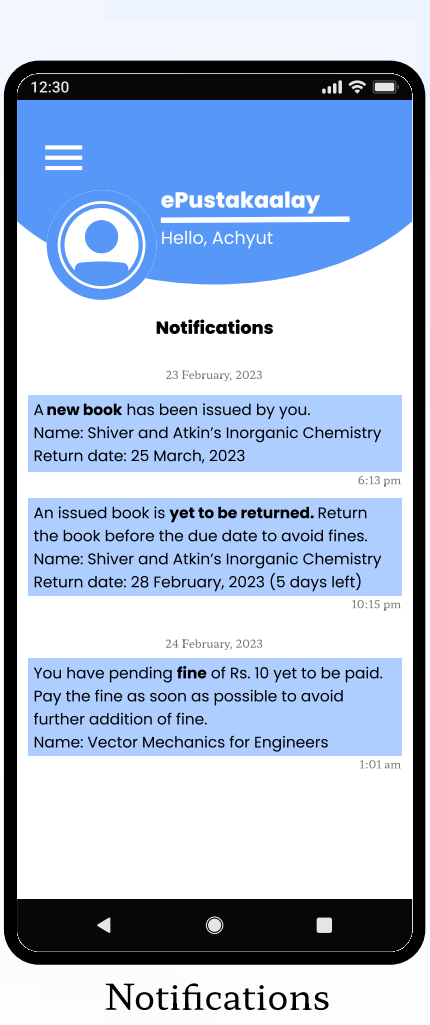
Click on ☰ icon to access menu. Menu offers access to all other functionalities of the app.
Click on ← icon to go back to previous screen


ePustakaalay
Hello, Achyut
Home
Search by name, author or publisher
Search

Home screen


ePustakaalay
Hello, Achyut
Settings
Brightness
Min
Max
Contrast
Min
Max
Reading mode
Off On
Text-to-speech and voice inputs
Off On
Force zoom in
Off On

Settings screen

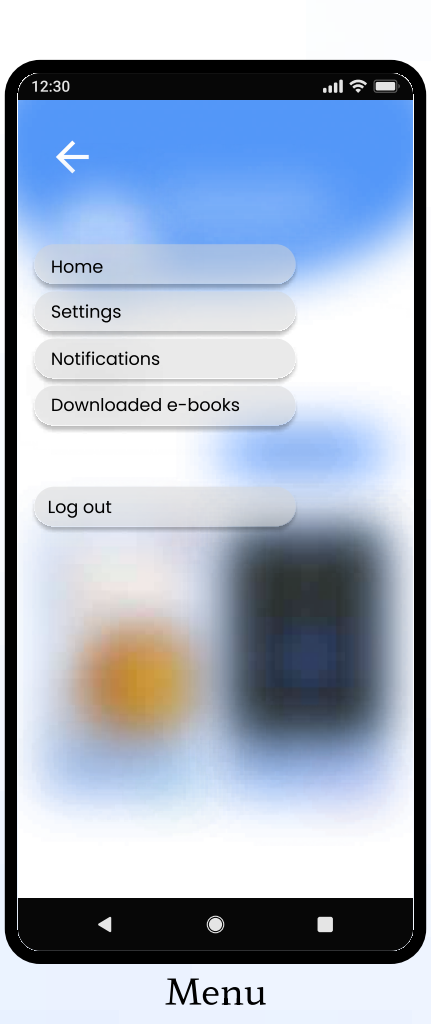

ePustakaalay
Hello, Achyut
Notifications

A new book has been issued by you.
Name: Shriver and Atkin's Inorganic Chemistry
Return date: 25 March, 2023

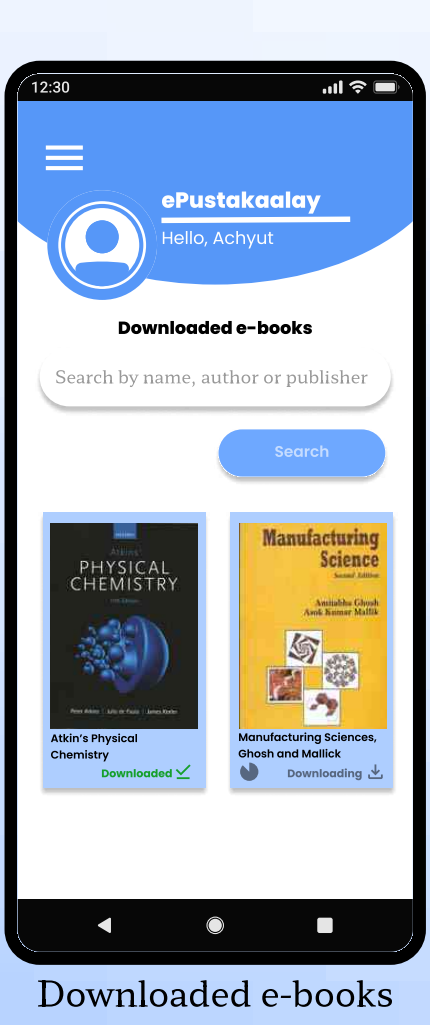
An issued book is yet to be returned. Return the book before the due date to avoid fines.
Name: Shriver and Atkin's Inorganic Chemistry
Return date: 28 February, 2023 (1 days left)

You have pending fine of Rs. 10 yet to be paid. Pay the fine as soon as possible to avoid further addition of fine.
Name: Vector Mechanics for Engineers

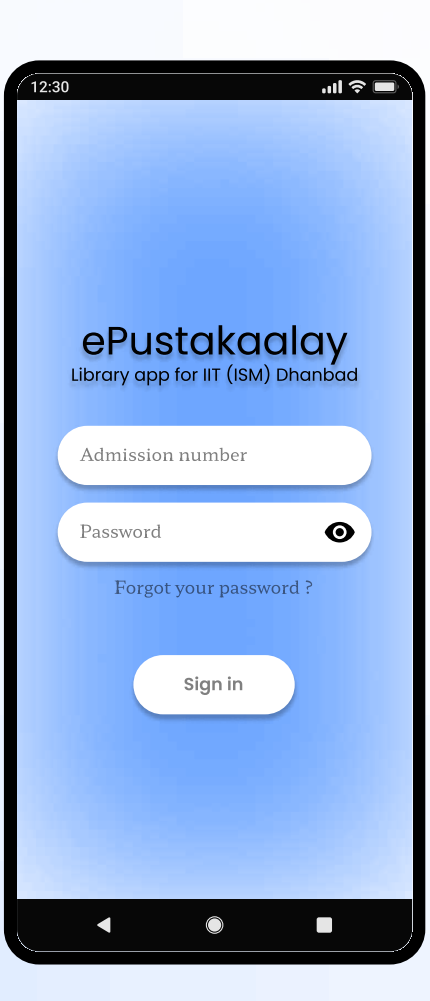
Notifications screen


Home
Settings
Notifications
Downloaded e-books
Log out

Menu


ePustakaalay
Hello, Achyut
Downloaded e-books
Search by name, author or publisher
Search
Atkin's Physical Chemistry
Manufacturing Science

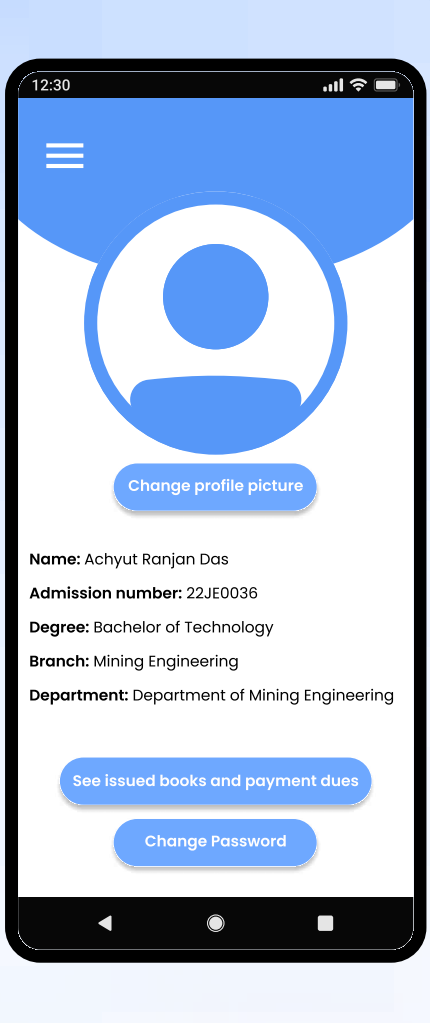
Downloaded e-books screen


ePustakaalay
Library app for IIT (ISM) Dhanbad
Admission number
Password
Forgot your password ?
Sign in

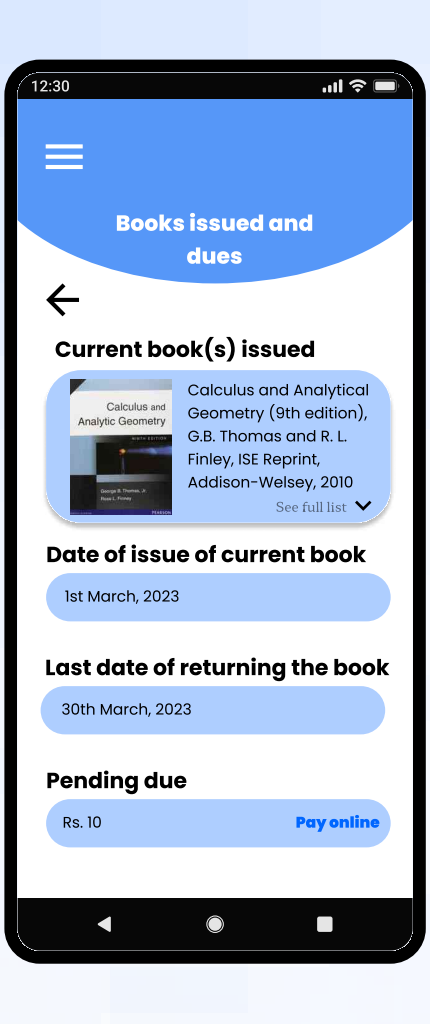
Login screen
(After logging out)

Profile

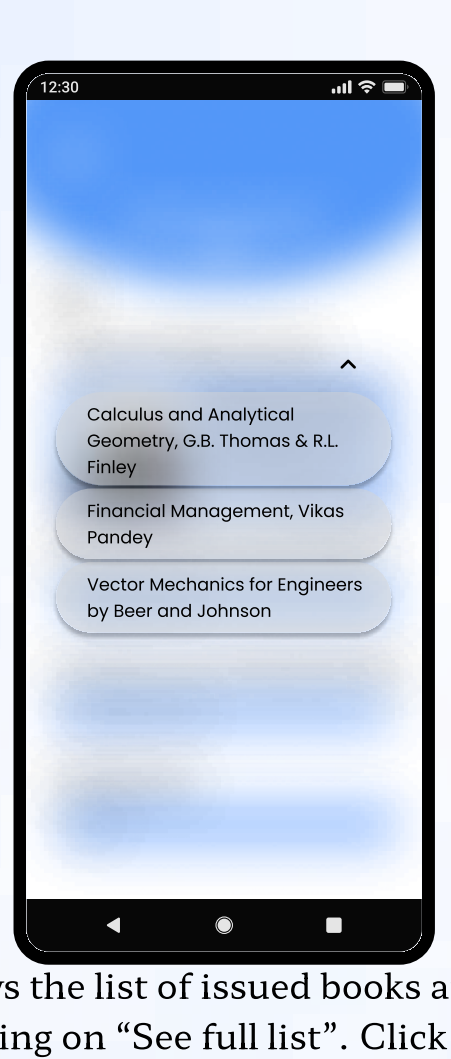
This screen serves the purpose for viewing user profile, change profile picture and password, view books issued and fines due and also provision to pay fines.
View profile by clicking on 👤 present in previous screens.


Change profile picture
See issued books and payment dues
Change Password

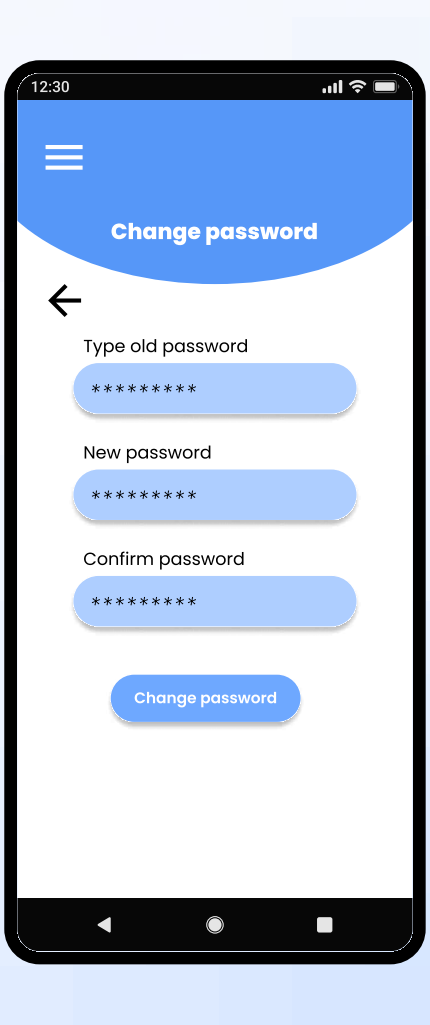
Name: Achyut Ranjan Das
Admission number: 22JE0036
Degree: Bachelor of Technology
Branch: Mining Engineering
Department: Department of Mining Engineering


Books issued and dues
Current book(s) issued
See full list
Date of issue of current book
1st March, 2023
Last date of returning the book
30th March, 2023
Pending due
Rs. 10
Pay online

Calculus and Analytical Geometry (9th edition), G.B. Thomas and R.L. Finley, ISE Reprint, Addison-Wesley, 2010


Calculus and Analytical Geometry, G.B. Thomas & R.L. Finley
Financial Management, Vikas Pandey
Vector Mechanics for Engineers by Beer and Johnson

Shows the list of issued books after clicking on "See full list". Click on ⌃ icon to go back to "Book issued and dues" screen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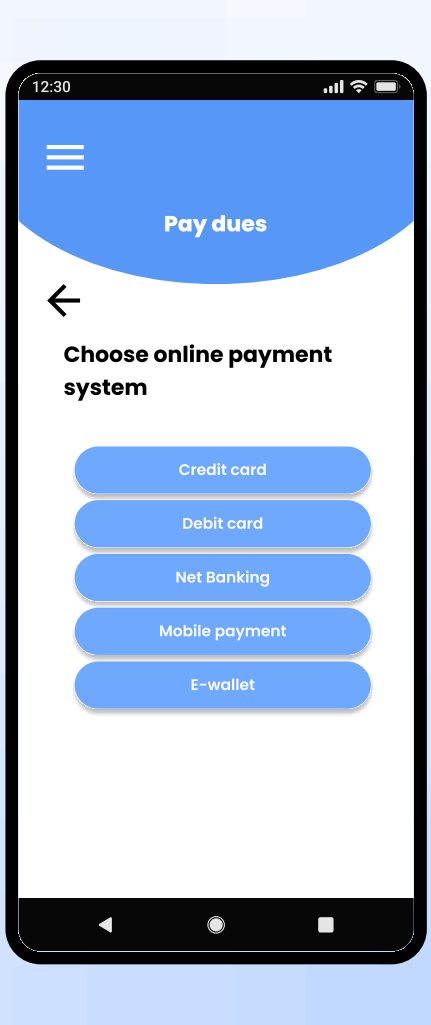
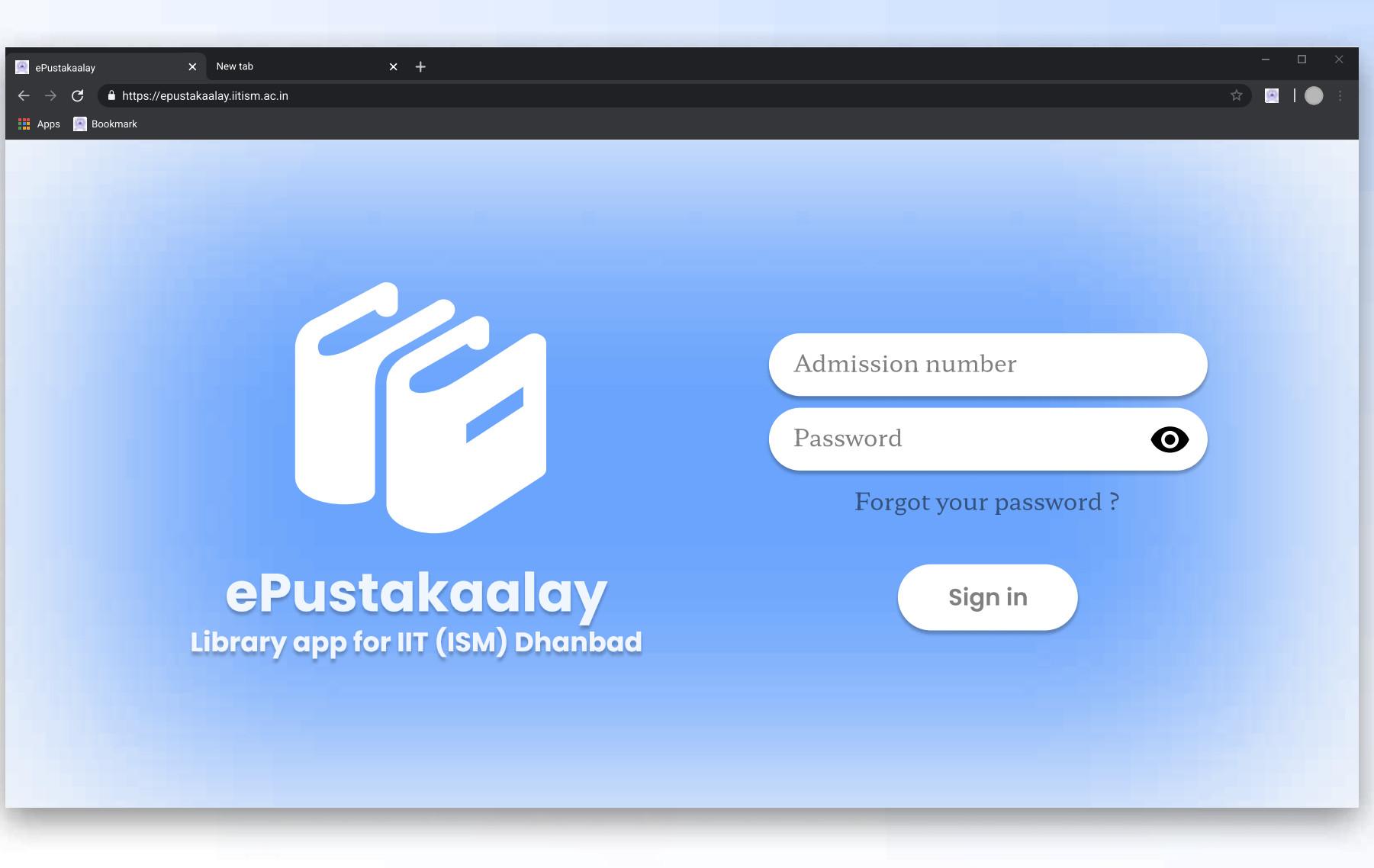
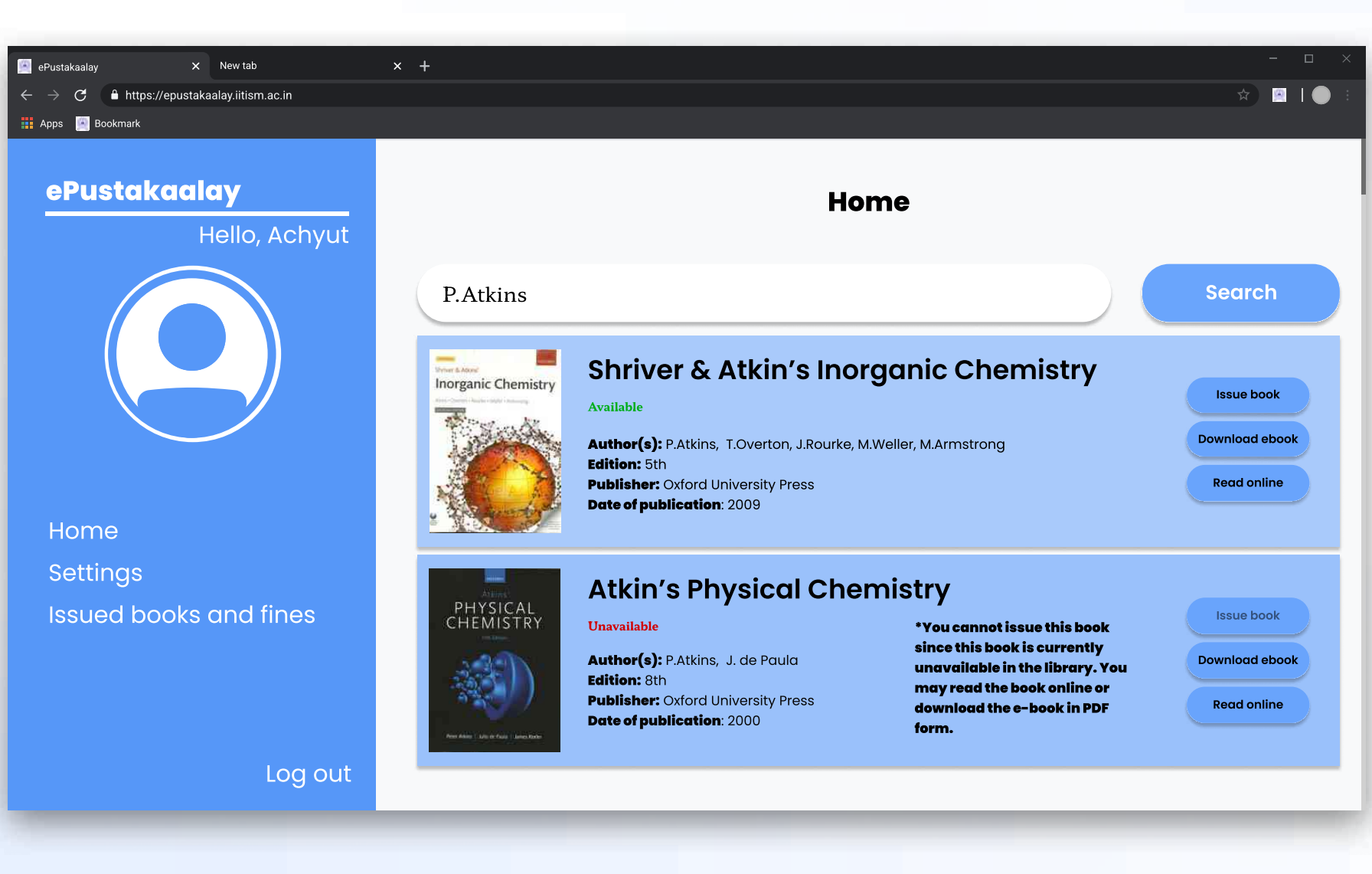
Type old password
New password
Confirm password
Change password


Pay dues
Choose online payment system
Credit card
Debit card
Net Banking
Mobile payment
E-wallet

Desktop mockups


ePustakaalay
https://epustakaalay.iitism.ac.in
ePustakaalay
Library app for IIT (ISM) Dhanbad
Admission number
Password
Forgot your password ?
Sign in


https://epustakaalay.iitism.ac.in
ePustakaalay
Hello, Achyut
Home
Settings
Issued books and fines
Log out
Home
P.Atkins
Search
Shriver & Atkin's Inorganic Chemistry
Available
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Atkin's Physical Chemistry
Unavailable
Issue book
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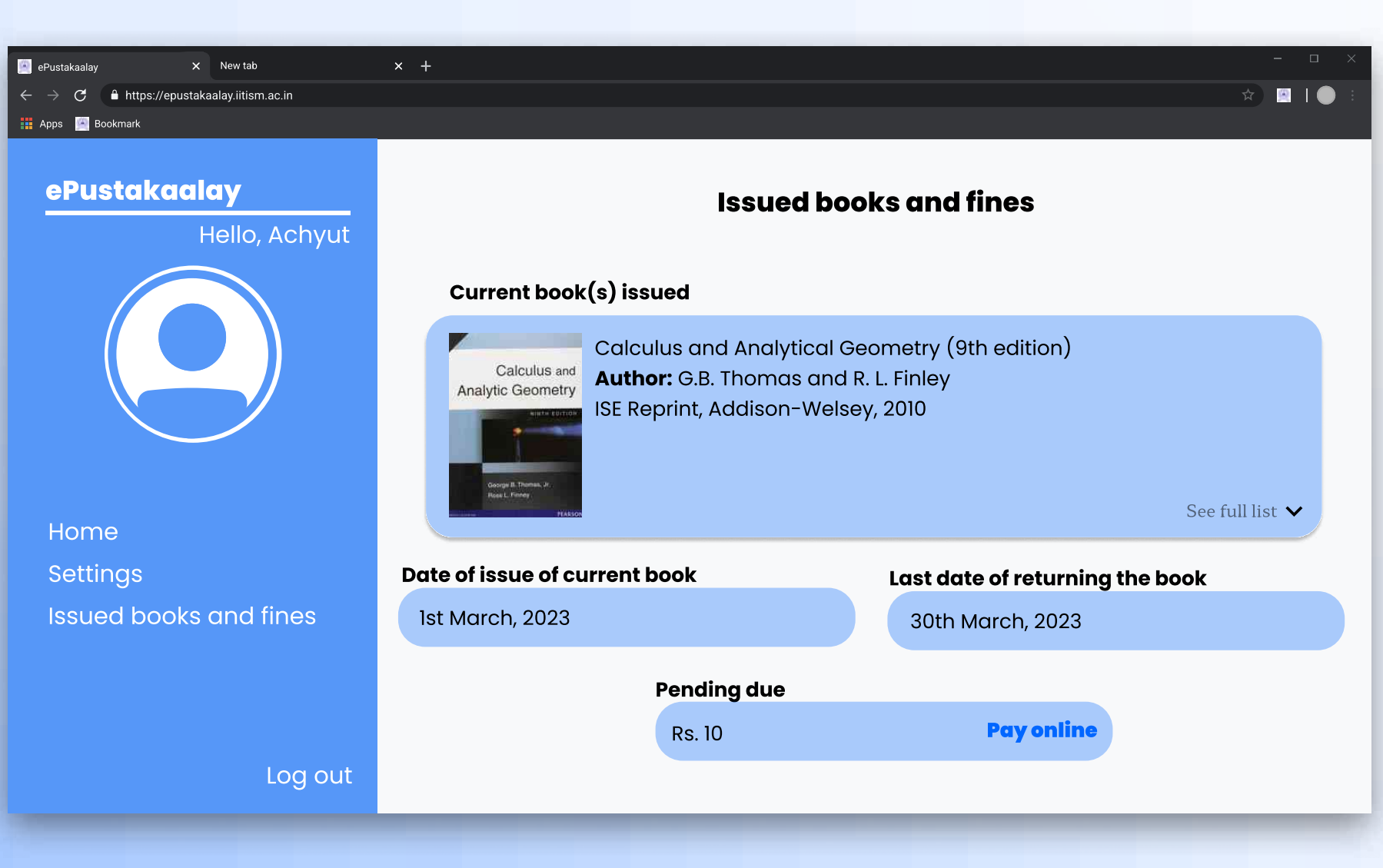
Author(s): P.Atkins, T.Overton, J.Rourke, M.Weller, M.Armstrong
Edition: 5th
Publisher: Oxford University Press
Date of publication: 2009

Author(s): P.Atkins, J. de Paula
Edition: 8th
Publisher: Oxford University Press
Date of publication: 2000

*You cannot issue this book since this book is currently unavailable in the library. You may read the book online or download the e-book in PDF form.


https://epustakaalay.iitism.ac.in
ePustakaalay
Hello, Achyut
Home
Settings
Issued books and fines
Log out
Issued books and fines
Current book(s) issued
See full list
Pay online

Calculus and Analytical Geometry (9th edition)
Author: G.B. Thomas and R. L. Finley
ISE Reprint, Addison-Welsey, 2010

Date of issue of current book: 1st March, 2023
Last date of returning the book: 30th March, 2023
Pending due: Rs. 10